



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:02 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 441 Const Calendar Day: 801 Date: 18-Nov-2011 Friday
Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 03:30 pm Break: 00:30 Over Time:

Federal ID:

Location:

Reviewer: Mathur, Lalit

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60

Precipitation 0.01"

Condition Mostly overcast w/light drizzle

Working Day ☐ If no, explain:

Diary:

Dispute

Work description.

- Conducted a pre-survey for cable strand number 1 with District 4 surveyors/scanners Robert Dolan and Juan Barahona. This scanning project will be related to the conventional surveying that will be done on cable strand number 1 and subsequent cable scans.

- Assisted the District 4 surveyors/scanners Robert Dolan and Juan Barahona with scanning the Hinge K pipe beams. Only one scanning view was done today taken from control point TWL270 which is at the top of the existing E1 pier. The scanning operation began at 10:00am with overcast to partly cloudy skies. The ambient temperature during the survey was 54F. The steel temperature was 63F taken with a infrared thermometer at PP1EN8.5. The scanning survey ended at 11:00am under overcast skies with rain in the vicinity. From TWL270 we tested the capability of the scanner by getting images up the catwalk near the centerline of cable strand number 1 and scanning the tower tie back cables. We found that the closer to the cable the better resolution will be achieved in the scan.

It should be noted that the Hinge K pipe beam protective covers were still over the end points to be surveyed. This issue also makes it difficult to scan the pipes. ABF is aware of the issue and is addressing other work at the W2 cap beam related to the cable secondary hauling system. I asked ABF superintendent Scott Smith about the issue and he will try to do this task as soon as possible after the work on the secondary hauling system is completed.

Attachment



Push pull pipe braces placed by MCM against the W2 cap beam along



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 441

Date: 18-Nov-2011

Friday

the W-Line.



North Hinge K pipe beam where the control point on the end of the pipe is covered.



View of the W2 cap beam and Hinge K pipe beams that were scanned today.



Floating and transfer arms for the secondary hauling system at the south end of the W2 cap beam.



South Hinge K pipe beam where the control point on the end of the pipe is covered.



View of the backspan catwalks that were scanned today from TWL270.